

## Refine Search

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### Search Results -

Terms	Documents
L2 and single adj3 (carrier or protein)	31

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**Database:**

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

**Search:**

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**Refine Search**

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### Search History

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DATE: Thursday, July 05, 2007    [Purge Queries](#)    [Printable Copy](#)    [Create Case](#)

<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set</u>
side by side				result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR				
<u>L3</u>	L2 and single adj3 (carrier or protein)		31	<u>L3</u>
<u>L2</u>	L1 and (base or enzyme or mutano\$ or NaOH or sodium adj hydroxide)		61	<u>L2</u>
<u>L1</u>	(GBS or group adj B adj streptococc\$) same conjugat\$ same (polysacch\$ or oligosacc\$ or capsul\$) same (polyval\$ or multival\$ or combin\$ or mix\$)		77	<u>L1</u>

END OF SEARCH HISTORY

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<a href="#">First Hit</a>	<a href="#">Clear</a>	<a href="#">Generate Collection</a>	<a href="#">Print</a>	<a href="#">Fwd Refs</a>	<a href="#">Bkwd Refs</a>
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Search Results - Record(s) 1 through 10 of 31 returned.

1. Document ID: US 20070036828 A1

L3: Entry 1 of 31

File: PGPB

Feb 15, 2007

PGPUB-DOCUMENT-NUMBER: 20070036828

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070036828 A1

TITLE: Group b streptococcus vaccine

PUBLICATION-DATE: February 15, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Rappuoli; Rino	Castelnuovo Berardenga		IT
Telford; John	Siena		IT
Grandi; Guido	Siena		IT

US-CL-CURRENT: 424/239.1; 536/53

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">DOC</a>	<a href="#">Drawn</a>
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2. Document ID: US 20060153879 A1

L3: Entry 2 of 31

File: PGPB

Jul 13, 2006

PGPUB-DOCUMENT-NUMBER: 20060153879

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060153879 A1

TITLE: Streptococcal C5a peptidase vaccine

PUBLICATION-DATE: July 13, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Cleary; Paul Patrick	Shoreview	MN	US
Stafslien; Deborah K.	Madison	WI	US

US-CL-CURRENT: 424/244.1; 435/212, 514/44

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">DOC</a>	<a href="#">Drawn</a>
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3. Document ID: US 20060147477 A1

L3: Entry 3 of 31

File: PGPB

Jul 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060147477

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060147477 A1

TITLE: Immunogenic compositions

PUBLICATION-DATE: July 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Cabezon Siliva; Teresa Elisa Virginia	Rixensart		BE
Ellis; JonathanH	Hertfordshire		GB
Ghislaine; Catherine Marie	Rixensart		BE
Hamblin; PaulA	Hertfordshire		GB
Palmantier; RemiM	Rixensart		BE
De Bassols; Vinals Y.	Rixensart		BE

US-CL-CURRENT: 424/277.1; 435/320.1, 435/325, 435/69.1, 514/44, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMD	Dra
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4. Document ID: US 20060115479 A1

L3: Entry 4 of 31

File: PGPB

Jun 1, 2006

PGPUB-DOCUMENT-NUMBER: 20060115479

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060115479 A1

TITLE: Nucleic acids coding for adhesion factor of group b streptococcus, adhesion factors of group b streptococcus and further uses thereof

PUBLICATION-DATE: June 1, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reinscheid; Dieter J.	Neu-Ulm		DE
Gutekunst; Heike	Biberach		DE
Schubert; Axel	Neu-Ulm		DE
Eikmanns; Bernhard J.	Ulm		DE
Meinke; Andreas	Pressbaum		AT

US-CL-CURRENT: 424/146.1; 435/226, 435/320.1, 435/325, 435/6, 435/69.1, 530/388.26, 536/23.2

5. Document ID: US 20060051372 A1

L3: Entry 5 of 31

File: PGPB

Mar 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060051372

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060051372 A1

TITLE: Antigenic compounds

PUBLICATION-DATE: March 9, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Vande Velde; Vincent

Rixensart

BE

US-CL-CURRENT: 424/202.1; 424/208.1, 424/234.1

6. Document ID: US 20050197308 A1

L3: Entry 6 of 31

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197308

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197308 A1

TITLE: Vaccines

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Dalton, Colin Cave

Rixensart

BE

Easeman, Richard Lewis

Brentford

GB

Garcon, Nathalie

Rixensart

BE

US-CL-CURRENT: 514/44; 514/53, 604/500

7. Document ID: US 20050136068 A1

L3: Entry 7 of 31

File: PGPB

Jun 23, 2005

PGPUB-DOCUMENT-NUMBER: 20050136068

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050136068 A1

TITLE: Streptococcal C5a peptidase vaccine

PUBLICATION-DATE: June 23, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Cleary, Paul Patrick	Shoreview	MN	US
Stafslien, Deborah K.	Madison	WI	US

US-CL-CURRENT: 424/190.1; 435/220

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [TOC](#) | [Drawn To...](#)

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8. Document ID: US 20040096461 A1

L3: Entry 8 of 31

File: PGPB

May 20, 2004

PGPUB-DOCUMENT-NUMBER: 20040096461  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040096461 A1

TITLE: Chimeric multivalent polysaccharide conjugate vaccines

PUBLICATION-DATE: May 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Michon, Francis	Bethesda	MD	US
Kim, John	Arbutus	MD	US
Sarkar, Arun	Olney	MD	US
Uitz, Catherine	Arlington	VA	US

US-CL-CURRENT: 424/203.1; 530/395

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [TOC](#) | [Drawn To...](#)

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9. Document ID: US 20040071729 A1

L3: Entry 9 of 31

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040071729  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040071729 A1

TITLE: Group b streptococcus polypeptides nucleic acids and therapeutic compositions and vaccines thereof

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Adderson, Elisabeth	Memphis	TN	US
Bohnsack, John	Salt Lake City	UT	US

US-CL-CURRENT: 424/190.1; 435/252.3, 435/320.1, 435/69.1, 530/350, 536/23.7

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [Print](#) | [Drawn](#)

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10. Document ID: US 20040062777 A1

L3: Entry 10 of 31

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040062777

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040062777 A1

TITLE: Streptococcal C5a peptidase vaccine

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Cleary, Paul Patrick	Shoreview	MN	US
Stafslien, Deborah K.	Madison	WI	US

US-CL-CURRENT: 424/244.1; 435/219, 514/44, 536/23.2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [Print](#) | [Drawn](#)

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11. Document ID: US 20040052801 A1

L3: Entry 11 of 31

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040052801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040052801 A1

TITLE: Streptococcal C5a peptidase vaccine

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Cleary, Paul Patrick	Shoreview	MN	US
Stafslien, Deborah K.	Madison	WI	US

US-CL-CURRENT: 424/184.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [DOC](#) | [Drawn](#)

12. Document ID: US 20040049150 A1

L3: Entry 12 of 31

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040049150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040049150 A1

TITLE: Vaccines

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Dalton, Colin Cave	Rixensart		BE
Easeman, Richard Lewis	Brentford		GB
Garcon, Nathalie	Rixensart		BE

US-CL-CURRENT: 604/46

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [DOC](#) | [Drawn](#)

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13. Document ID: US 20040047869 A1

L3: Entry 13 of 31

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040047869

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040047869 A1

TITLE: Adjuvant composition comprising an immunostimulatory oligonucleotide and a tocol

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Garcon, Nathalie	Rixensart		BE
Gerard, Catherine Marie Ghislaine	Rixensart		BE
Stephenne, Jean	Rixensart		BE

US-CL-CURRENT: 424/184.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Dra
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14. Document ID: US 20030161834 A1

L3: Entry 14 of 31

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030161834

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030161834 A1

TITLE: Vaccines

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Friede, Martin	Farnham		GB
Garcon, Nathalie	Wavre		BE
Gerard, Catherine Marie Ghislaine	Rhode Saint Genese		BE
Hermand, Philippe	Court-Saint-Etienne		BE

US-CL-CURRENT: 424/184.1; 424/186.1, 424/204.1, 424/208.1, 424/226.1, 424/227.1,  
424/228.1, 424/229.1, 424/231.1, 424/249.1, 424/258.1, 424/263.1, 424/278.1,  
424/283.1, 424/450, 514/25, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Dra
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15. Document ID: US 20030082524 A1

L3: Entry 15 of 31

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082524

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030082524 A1

TITLE: Method of isolating a peptide which immunologically mimics microbial carbohydrates including group B streptococcal carbohydrates and the use thereof in a vaccine

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pincus, Seth H.	Bozeman	MT	US

US-CL-CURRENT: 435/5; 424/190.1, 435/7.32, 530/322

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [DOC](#) | [Drawn D.](#)

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16. Document ID: US 20020031526 A1

L3: Entry 16 of 31

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020031526

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020031526 A1

TITLE: Antigenic group B streptococcus type II and type III polysaccharide fragments having a 2, 5-anhydro-D-mannose terminal structure and conjugate vaccine thereof

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Michon, Francis	Laurel	MD	US
Uitz, Catherine	Arlington	VA	US
Tai, Joseph Y.	Fort Washington	PA	US

US-CL-CURRENT: 424/197.11; 536/53

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [DOC](#) | [Drawn D.](#)

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17. Document ID: US 7128919 B2

L3: Entry 17 of 31

File: USPT

Oct 31, 2006

US-PAT-NO: 7128919

DOCUMENT-IDENTIFIER: US 7128919 B2

TITLE: Group B streptococcus polypeptides nucleic acids and therapeutic compositions and vaccines thereof

PRIOR-PUBLICATION:

DOC-ID DATE  
US 20040071729 A1 April 15, 2004

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Chemical](#) [Claims](#) [PMD](#) [Draw](#)

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18. Document ID: US 6951653 B2

L3: Entry 18 of 31 File: USPT Oct 4, 2005

US-PAT-NO: 6951653

DOCUMENT-IDENTIFIER: US 6951653 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Streptococcal C5a peptidase vaccine

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Chemical](#) [Claims](#) [PMD](#) [Draw](#)

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19. Document ID: US 6602508 B2

L3: Entry 19 of 31 File: USPT Aug 5, 2003

US-PAT-NO: 6602508

DOCUMENT-IDENTIFIER: US 6602508 B2

TITLE: Method of immunization using a Group B Streptococcus type II and type III polysaccharide conjugate vaccine

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Chemical](#) [Claims](#) [PMD](#) [Draw](#)

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20. Document ID: US 6544518 B1

L3: Entry 20 of 31 File: USPT Apr 8, 2003

US-PAT-NO: 6544518

DOCUMENT-IDENTIFIER: US 6544518 B1

TITLE: Vaccines

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21. Document ID: US 6444787 B1

L3: Entry 21 of 31

File: USPT

Sep 3, 2002

US-PAT-NO: 6444787

DOCUMENT-IDENTIFIER: US 6444787 B1

TITLE: Method of isolating a peptide which immunologically mimics microbial carbohydrates including group B streptococcal carbohydrates and the use thereof in a vaccine

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22. Document ID: US 6372222 B1

L3: Entry 22 of 31

File: USPT

Apr 16, 2002

US-PAT-NO: 6372222

DOCUMENT-IDENTIFIER: US 6372222 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Antigenic group B Streptococcus type II and type III polysaccharide fragments having a 2, 5-anhydro-D-mannose terminal structure and conjugate vaccine thereof

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23. Document ID: US 6355255 B1

L3: Entry 23 of 31

File: USPT

Mar 12, 2002

US-PAT-NO: 6355255

DOCUMENT-IDENTIFIER: US 6355255 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Streptococcal C5a peptidase vaccine

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Text](#) | [Claims](#) | [KDDC](#) | [Drawn](#)

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24. Document ID: US 6284884 B1

L3: Entry 24 of 31

File: USPT

Sep 4, 2001

US-PAT-NO: 6284884

DOCUMENT-IDENTIFIER: US 6284884 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Antigenic group B streptococcus type II and type III polysaccharide fragments having a 2,5-anhydro-D-mannose terminal structure and conjugate vaccine thereof

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25. Document ID: US 6270775 B1

L3: Entry 25 of 31

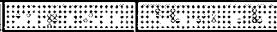
File: USPT

Aug 7, 2001

US-PAT-NO: 6270775

DOCUMENT-IDENTIFIER: US 6270775 B1

TITLE: Streptococcal C5a peptidase vaccine

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#)  [Claims](#) | [DOCID](#) | [Drawn By](#)

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26. Document ID: US 5968521 A

L3: Entry 26 of 31

File: USPT

Oct 19, 1999

US-PAT-NO: 5968521

DOCUMENT-IDENTIFIER: US 5968521 A

TITLE: Conjugate vaccine for group B Streptococcus

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#)  [Claims](#) | [DOCID](#) | [Drawn By](#)

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27. Document ID: US 5908629 A

L3: Entry 27 of 31

File: USPT

Jun 1, 1999

US-PAT-NO: 5908629

DOCUMENT-IDENTIFIER: US 5908629 A

TITLE: Conjugate vaccine for group B streptococcus

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#)  [Claims](#) | [DOCID](#) | [Drawn By](#)

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28. Document ID: US 5858362 A

L3: Entry 28 of 31

File: USPT

Jan 12, 1999

US-PAT-NO: 5858362

DOCUMENT-IDENTIFIER: US 5858362 A

TITLE: Conjugate vaccine for group B Streptococcus

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29. Document ID: US 5846547 A

L3: Entry 29 of 31

File: USPT

Dec 8, 1998

US-PAT-NO: 5846547

DOCUMENT-IDENTIFIER: US 5846547 A

\*\* See image for Certificate of Correction \*\*

TITLE: Streptococcal C5a peptidase vaccine

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Text](#) | [Claims](#) | [DOC](#) | [Draw](#)

30. Document ID: US 5843444 A

L3: Entry 30 of 31

File: USPT

Dec 1, 1998

US-PAT-NO: 5843444

DOCUMENT-IDENTIFIER: US 5843444 A

TITLE: Conjugate vaccine for group B streptococcus

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Text](#) | [Claims](#) | [DOC](#) | [Draw](#)

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31. Document ID: US 5820860 A

L3: Entry 31 of 31

File: USPT

Oct 13, 1998

US-PAT-NO: 5820860

DOCUMENT-IDENTIFIER: US 5820860 A

TITLE: Conjugate vaccine for group B streptococcus

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